



# Optical Fiber Connector

## MPO Optical Fiber Connector

### Description

An optical fiber connector terminates the end of an optical fiber, and enables quicker connection and disconnection than splicing. The connectors mechanically couple and align the cores of fibers so light can pass. Better connectors lose very little light due to reflection or misalignment of the fibers.

### Feature

- Low insertion loss
- High return loss
- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use



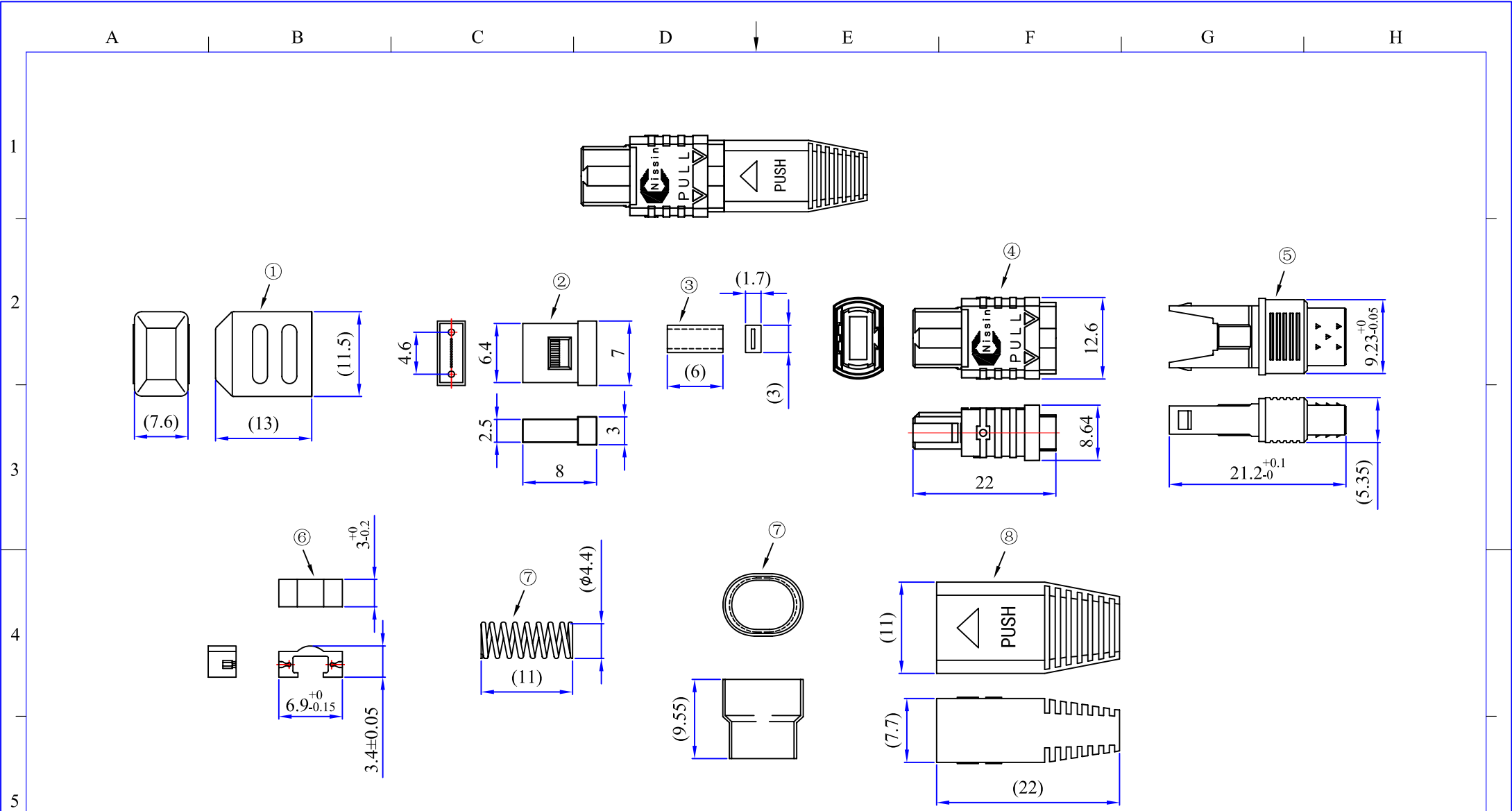
MPO Optical Fiber Connector

### Application

- Telecom network
- Ethernet network
- Optical communication equipment

### Specification:

Items	Elite Performance				Std Performance	
	SM		MM		SM	MM
Insertion Loss	12F	24F	12F	24F	12F,24F	12F,24F
	≤0.35dB	≤0.5dB	≤0.35dB		≤0.7dB	≤0.7dB
Return Loss	≥55dB		≥20dB		≥55dB	≥20dB
Durability	500times					
Operation temperature	-40℃~+85℃					
Fiber Type	OS2/OM1/OM2/OM3/OM4					



No.	Materia name	Q'ty	Note
1	Dust cap	1	/
2	Ferrule	1	
3	Boot of ferrule	1	
4	Housing	1	
5	Stop ring	1	
6	Pin keeper	1	
7	Spring	1	
8	Boot	1	

**Technical requirement:**

- ② is the key part.
- Dimensions showing on the drawing are just for reference.

Title			
MPO connector-A type			
Drawing	Steven	Item No	
Check	Henry	Drawing No:	
Approval	Williams		
Date	2018	Page: 1-1	曦和光电科技有限公司 XH Opto Tech Co.,LTd

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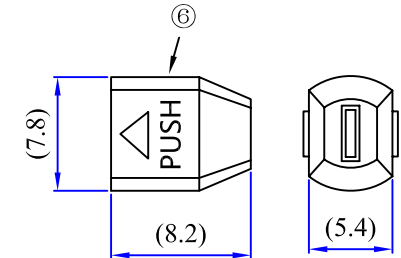
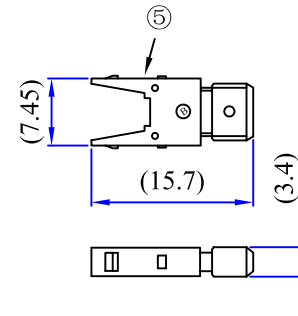
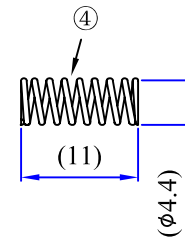
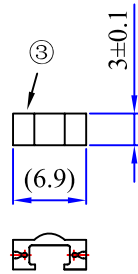
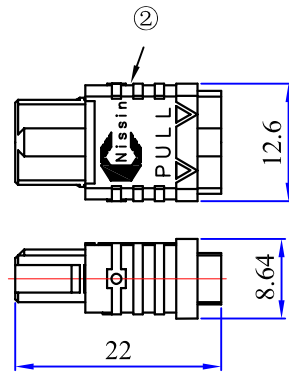
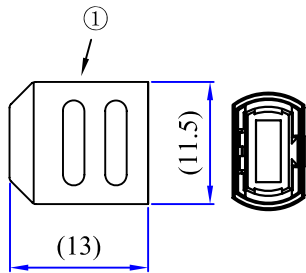
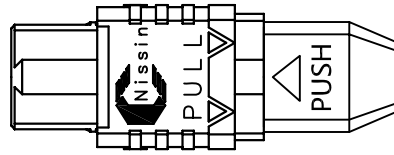
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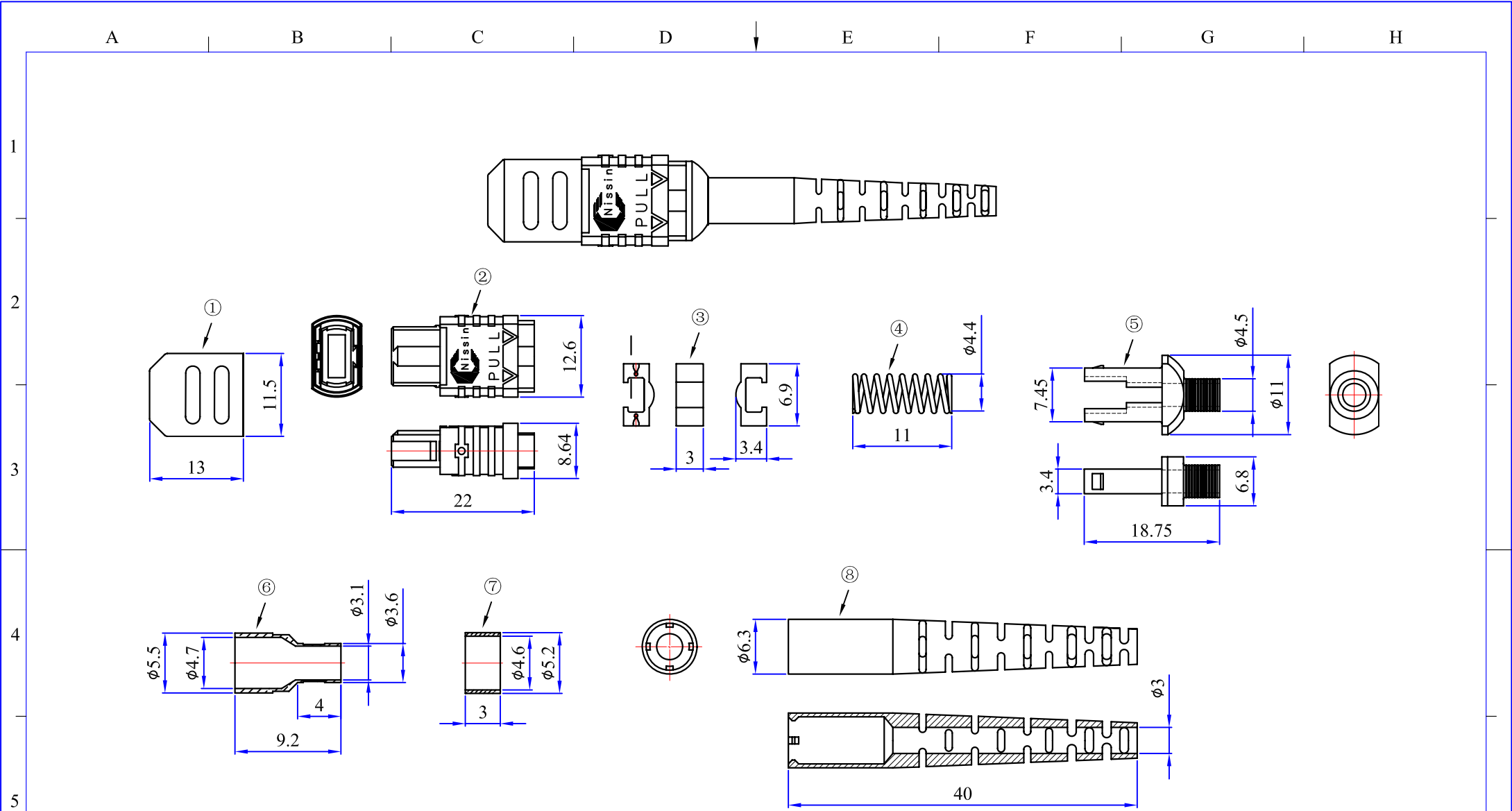


No.	Materia name	Q'ty	Note
1	Dust cap	1	/
2	Housing	1	
3	Pin keeper	1	
4	Spring	1	
5	Stop ring	1	
6	Boot	1	

**Technical requirement:**

1. Dimensions showing on the drawing are just for reference.

Title			
MPO connector-B typ			
Drawing	Steven	Item No	
Check	Henry	Drawing No:	
Approval	Williams		曦和光电科技有限公司 XH Opto Tech Co.,LTd
Date	2018	Page: 1-1	



**Technical requirement:**

1. Dimensions showing on the drawing are just for reference.

No.	Materia name	Q'ty	Note
1	Dust cap	1	/
2	Housing assy	1	
3	Pin keeper	1	
4	Spring	1	
5	Stop ring	1	
6	Ring	1	
7	Crimp ring	1	
8	Boot	1	

Title			
MPO connector-C type			
Drawing	Steven	Item No	
Check	Henry	Drawing No:	
Approval	Williams		曦和光电科技有限公司 XH Opto Tech Co.,LTd
Date	2018	Page: 1-1	